



Analysis Status & Plans

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Topics



- News from Nagoya
 - General impressions
 - Scanning Statistics
 - Plans, Schedules & Goals
 - Meeting
- Organization/Assignment of Tasks
- Organization of Data
 - *Something that needs to be thought about...*

Status of Scanning



- September Scanning :
 - 100 + previously predicted events were scanned; they have not been analyzed*
 - October Predictions :
 - 84 events sent
 - 45 scanned; not yet analyzed
 - December Predictions
 - 130 events still need predictions made (mostly Period 1 & 2)
- ~ 300 events for vertex location
- * → f- and m- files not yet made

Plans, Schedules & Goals



- Continue scanning until scan data is taken for all “scannable” events - *end of year*
- Process data and locate interaction vertex -
 - Present net scan efficiency : ~50%;
- Improve location efficiency (to ~ 65%) by scanning larger volumes and rescanning events where possible
- Push hard on another round of decay search by early February.
- Meeting in Nagoya end of week of 23 Jan 2000

Organization of Tasks



- Nagoya, et. al.
 - Scanning
 - Processing scan data to m-files
 - Distortion/alignment corrections
 - Multiple scattering momentum measurement
 - Decay search (generate .dcy files)
- US/Greece
 - Vertex predictions for all scannable events
 - Organize data for located events
 - Validate location
 - Independent location
 - ν_μ/ν_e spectrum \rightarrow yields
 - Lepton momentum
 - Visible energy
 - Emulsion/fiber/spectrometer track matching and event fitting
 - Parameter analysis for candidate events
 - Efficiency Summary and Corrected Yield Predictions